

In the Specification

Please replace the Title with the following Title:

Optical System For Light Emitting Diodes Polarized Semiconductor Light Emitting Device

Please replace the paragraph 0029 with the following rewritten paragraph:

[0029] Additional information and uses of an in-plane polarized LED are discussed in U.S. Patent Application Serial No. [[_____,]] 10/805,424, entitled "Semiconductor Light Emitting Devices Including In-Plane Light Emitting Layers" by James C. Kim, Jonathan J. Wierer, Jr., Nathan F. Gardner, John E. Epler, and Michael R. Krames, concurrently filed herewith and having the same assignee as the present disclosure, and which is incorporated herein by reference.

[0038] Typically, LEDs emit radiation over a wide angle, i.e., the solid angle α is large. To increase the radiance of an LED, which is useful for high brightness applications, the solid angle α of emitted radiation is typically decreased resulting in an LED that emits radiation in a narrow cone. For example, the solid angle α of emission can be decreased using photonic crystals or a DBR (Distributed Bragg Reflector). Photonic crystals are described in, e.g., U.S. Patent Application Serial No. [[_____,]] 10/804,810, entitled "Photonic Crystal Light Emitting Device, by Jonathan J. Wierer, Jr., Michael R. Krames and John E. Epler, concurrently filed herewith, and having the same assignee as the present disclosure and which is incorporated herein by reference. Further a resonant cavity LED, which is a one-dimensional photonic crystal device, is described in H. De. Neve et al., "Recycling of guided mode light emission in planar microcavity light emitting diodes", Appl. Phys. Lett. 70(7), 1997, pp. 799-801, which is incorporated herein by reference.

[0044] Fig. 7 illustrates an example of a high-radiance LED 300 (i.e., the solid angle α of emission is less than π) with a concentrator element 302. The LED 300 may be, e.g., a high-radiance LED such as that described in, e.g., U.S. Patent Application Serial No. [[_____,]] 10/804,810, entitled "Photonic Crystal Light Emitting Device, by Jonathan J. Wierer, Jr., Michael R. Krames and John E. Epler, ~~filed on March 12, 2004, and~~ having the same assignee as the present disclosure, which is incorporated herein by reference.